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ABSTRACT

A fuel cell separator is molded from a resin
5 composition containing specific amounts of graphite,
thermosetting resin and internal release agent. The graphite
is a synthetic graphite powder prepared by graphitizing lump
coke. The thermosetting resin is a mixture of phenolic
10 novolac, benzoxazine and polycarbodiimide resins. The molded
separator does not need to be machined, has a significantly
improved electrical conductivity, heat resistance and
mechanical strength, and even when very thin is resistant to
breakage during molding and fuel cell assembly.